



May 24, 2005 14:59

From-MOTOROLA

18475763750

T-146 P.002/002 F-672

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

22917 7590 05/18/2005
MOTOROLA, INC.
 1303 EAST ALGONQUIN ROAD
 IL01/3RD
 SCHAUMBURG, IL 60196
 05/25/2005 HABDELR3 00000016 502117 09993207
 01 FC:1501 1400.00 DA
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 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Dawn M. Hebein

(Depositor's name)

Dawn M. Hebein

(Signature)

May 24, 2005

(Date)

APPLICATION NO.	FILED DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/993,207	11/16/2001	Mark Thomson	CR1049AC	8083

TITLE OF INVENTION: VECTOR ESTIMATION SYSTEM, METHOD AND ASSOCIATED ENCODER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	08/18/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
STARKS, WILBERT L	2129	708-100000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Motorola, Inc.

Schaumburg, IL

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

- A check in the amount of the fee(s) is enclosed.

- Payment by credit card. Form PTO-2038 is attached.

- The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 502117 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(b)(2).

The Director of the USPTO is requested to apply the issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Dawn M. Hebein

Date 5/24/05

Typed or printed name

Daniel K. Nichols

Registration No. 29,420

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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18475763750

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**MOTOROLA****FAX TRANSMITTAL SHEET**

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Telephone: (847) 576-5219
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Number of Pages (including this page)

Date: May 24, 2005

To: ISSUE FEE

Location: United States Patent and Trademark Office

Fax No.: (703) 746-4000

From: Daniel K. Nichols 29,420

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MESSAGE:

Enclosed herewith, please find PTOL-85 ISSUE FEE TRANSMITTAL for filing in the below-identified application.

EXAMINER:	Starks, Wilbert L.
GROUP ART UNIT:	2129
SERIAL NO.:	09/993,207
FILED:	11/16/2001
INVENTOR:	Thomson